



Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

> (Use as many sheets as necessary) of

Complete II Known				
Application Number	10/650,449-Conf. #7321			
Filing Date	August 27, 2003			
First Named Inventor	Michael L. Robinson			
Art Unit	1649			
Examiner Name	O. Chernyeshev			
Attomey Docket Number	28335/305244	Τ		

Complete if Known

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear		
						Г	

"EXAMINES: Initial if reference considered, whether or not classion is in conformance with NPEE 900. Dawn line strough classion if not in endommance and no considered. Hother deep or of this form with rest communication to applicant "Applicants' using easiline dissipation on matter (optional." Studies Cades at USFTO Patent Documents at you.usedo.go; or MPEE 901.04. "Earter Office that issued the document, by the two-letter code (VPD) Standard ST3," if The patent document, by the indication of the year of the region of the Emperor must precede the sender under the patent document. Studies of the year of the region of the Emperor must precede the sender under the patent document. Studies of document under WIPO Standard ST,16 if possible "Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.1					
2000000	C1	Accession No. AC003964, "Homo Sapiens Chromosomo 16 BAC CIT0875K A 011E12,"  (2002).				
	02	Accession No.: AG027201, "Hemo Gapieno Chromosomo 10 Olono RP11-424M24," (2000).	_			
	Ç3	Accession No. AC069308. "Mus Musculus Strain C57BL6/J Chromosome 8 RPC123-21B7."  [2002]	•			
	64	-Accession No. AC400435, "Home Sepiene Chromosome 1 Clone RP41 240C17," (2003).				
10000	U5	Accession No. Acrisuass, Inomo Sapiens Chromosome i Cione CTA-4271110, (2000).	<b>→</b>			
	C6	AL-SHROOF et al., "Ciliary Dyskinesia Associated with Hydrocephalus and Mental Retardation in a Jordanian Family," Mayo Clin. Proc., 76(12): 1219-1224 (2001).	•			
	C7	BANNISTER, "Some Scanning Electron Microscopic Observations of the Ependymal Surface of the Ventricles of Hydrocephalic Hy3 Mice and a Human Infant," <i>Acta Neurochir</i> , 45:159-168 (1979).				
	C8	BERRY, "The Inheritance and Pathogenesis of Hydro-Cephalus-3 in the Mouse," J. Path. Bact., 81:157-161 (1961).				
	C9	BLAKE et al., "The Mouse Genome Database (MGD): The Model Organism Database for the Laboratory Mouse," Nucl. Acids Res., 30: 113-115 (2002).				
	C10	BRONSON et al., "Hydrocephalus with Hop Gait (hyh): A New Mutation on Chromosome 7 in the Mouse," Brain Res. Dev. Brain Res., 54: 131-136 (1990).				
	C11	CALLEN et al., "Re-Evaluation of GM2346 From a Del(16)(q22) to T(4;16)(q35;q22.1)," Clin. Genet., 38:466-468 (1990).				
	C12	CASTRO-GAGO et al., "Autosomal Recessive Hydrocephalus with Aqueductal Stenosis," Childs Nerv. Syst. 12: 188-191 (1996).	1			
	C13	CHOW et al., "Autosomal Recessive Hydrocephalus with Third Ventricle Obstruction," Am. J. Med Genet, 35:310-313 (1990).				
	C14	CHUDLEY et al., "Bilateral Sensorineural Deafness and Hydrocephalus Due to Foramen of Monro Obstruction in Sibs: A Newly Described Autosomal Recessive Disorder," Am. J. Med Genet, 68: 505-360 (1997).				

	Examiner Signature	/Olga Chernyshev/	Date Considered	05/05/2008
--	-----------------------	-------------------	--------------------	------------

Substitute for form 1449/PTO

2

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary) of

3

Complete if Known						
Application Number	10/650,449-Conf. #7321					
Filing Date	August 27, 2003					
First Named Inventor	Michael L. Robinson					
Art Unit	1649					
Examiner Name	O. Chernyeshev					
Attorney Docket Number	28335/39524A					

	C15	CLARK, "Hydrocephalus, A Hereditary Character in the Ho USA, 18:654-656 (1932).	ouse Mouse," F	Proc. Natl. Acad.			
	C16	System," Nature Genetics, 17:346-349 (1997).					
	C17	DAS NEVES et al., "Disruption of the Munne Nuclear Fact Perinatal Lethality, Hydrocephalus, and Agenesis of the C Sci. USA, 96: 11946-11951 (1999).					
	C18	DAVIES et al., "A Detailed Investigation of Two Cases Ext Deletion Syndrome," Hum. Genet., 98: 454-459 (1996).	nibiting Charact	eristics of the 6p			
	C19	DICKIE, "New Mutations," Mouse News Lett., 39: 27 (1968)	3).				
	C20	DONNAI et al., "What's New in the Genetics of Hydroceph Holter Memorial Lecture 1993," Eur. J. Pediatr. Surg., 3(st					
	C21	FALCONER et al., "Dreher, Ein Neues Gen der Tanzmaus Abstamm Verebungs!, 84: 71-73 (1951).					
	C22	FRANSEN et al., "The Clinical Spectrum of Mutations in L Molecule," Am. J. Med Genet, 64: 73-77 (1996).	1, a Neuronal C	Cell Adhesion			
	C23	FRANSEN et al., "L1-Associated Diseases: Clinical Genet Unite," Hum. Mol. Genet. 6:1625-1632 (1997).	icists Divide, M	olecular Geneticists			
	C24	FRANSEN et al., "L1 Knockout Mice Show Dilated Ventric Impaired Exploration Patterns," Hum. Mol. Genet., 7: 999-	1009 (1998).				
	C25	FRYNS et al., "Interstitial 16q Deletion with Typical Dysmorphic Syndrome," Ann Genet., 24:124-125 (1981).					
	C26	GALBREATH et al., "Overexpression of TGF-β1 in the Central Nervous System of Transgenic Mice Results in Hydrocephalus," J. Neuropathol. Exp. Neurol., 54: 339-49 (1995).					
	C27	GAME et al., "Fetal Growth Retardation, Hydrocephalus, H Other Anomalies in 4 Sibs," Am. J. Med Genet., 33: 276-2		tilobed Lungs, and			
	C28	GRÜNEBERG, "Congenital Hydrocephalus in the Mouse, Genet., 45: 1-28 (1943).					
	C29	HOLLANDER, "Hydrocephalic-Polydactyl, a Recessive Pleits Location in Chromosome 6," Iowa State J. Res., 51: 13		t in the Mouse, and			
	C30	HOMANICS et al., "Targeted Modification of the Apolipoprotein B Gene Results in Hypobetalipoproteinemia and Developmental Abnormalities in Mice," <i>Proc. Natl. Acad. Sci.</i> <i>USA</i> , 90: 2369-2393 (1993).					
	C31	HUANG et al., "apo B Gene Knockout in Mice Results in Embryonic Lethality in Homozygotes and Neural Tube Defects, Male Infertility, and Reduced HDL Cholesterol Ester and apo A-I Transport Rates in Heterozygotes," J. Clin. Invest. 96: 2152-2161 (1995).					
	C32	IBAÑEZ-TALLON et al., "Loss of Function of Axonemal Dynein Mdnah5 Causes Primary Ciliary Dyskinesia and Hydrocephalus," Hum. Mol. Genet., 11: 715-721 (2002).					
	C33	KITAZAWA et al., "Elevation of Transforming Growth Factor-β1 Level in Cerebrospinal Fluid of Patients with Communicating Hydrocephalus after Subarachnoid Hemorrhage," Stroke, 25: 1400-1404 (1994).					
	C34	KUME et al., "The Forkhead/Winged Helix Gene Mf1 is Disrupted in the Pleiotropic Mouse Mutation congenital hydrocephalus," Cell, 93: 985-996 (1998).					
	C35	LINDEMAN et al., "A Specific, Nonproliferative Role for E2E-5 in Choroid Plexus Function Revealed by Gene Targeting," Genes Dev., 12: 1092-1098 (1998).					
	C36						
	C37	MELTON, "Gene Targeting in the Mouse," <i>Bioassays</i> , 16: 633-638 (1994).					
	C38	MILLONIG et al., "The Mouse Dreher Gene Lmx1a Contro					
Examiner Signature		/Olga Chernyshev/	Date Considered	05/05/2008			
	-		,				

Complete if Known Substitute for form 1449/PTO 10/650,449-Conf. #7321 Application Number INFORMATION DISCLOSURE Filing Date August 27, 2003 STATEMENT BY APPLICANT First Named inventor Michael L. Robinson Art Unit 1649 (Use as many sheets as necessary) Examiner Name O. Chernyeshev 3 3 28335/39524A Sheet of Attorney Docket Number

i .	Vertebrate CNS," Nature, 403: 764-769 (2000).	
C39	NARITOMI et al., "16q21 is Critical for 16q Deletion Syndrome," Clin. Genet., 33:372-375 (1988).	
C40	REICHLER et al., "Primary Ciliary Dyskinesia with Situs Inversus Totalis, Hydrocephalus Internus and Cardiac Malformations in a Dog," J. Small Anim. Pract., 42:345-348 (2001).	
C41	SAKURAGAWA et al., "Clinical and Molecular Genetics of Inherited Hydrocephalus," Cong. Anom., 34: 303-310 (1994).	
C42	SCHRANDER-STUMPEL et al., "Spectrum of X-Linked Hydrocephalus (HSAS), MASA Syndrome, and Complicated Spastic Paraplegia (SPG1): Clinical Review with Six Additional Families," Am. J. Med Genet., 57: 107-116 (1995).	
C43	TADA et al., "Induction of Communicating Hydrocephalus in Mice by Intrathecal Injection of Human Recombinant Transforming Growth Factor-B1," J. Neuroimmunol., 50: 153-158 (1994).	
C44	TAULMAN et al., "Polaris, a Protein Involved in Left-Right Axis Patterning, Localizes to Basal Bodies and Cilia," Mol. Biol. Cell, 12: 589-599 (2001).	
C45	TAYSI et al., "A Terminal Long Arm Deletion of Chromosome 16 in a Dysmorphic Infant: 46,XY,del(16)(w22), "Birth Defect, 14:343-347 (1978).	
C46	TEEBI et al., "Autosomal Recessive Nonsyndromal Hydrocephalus," Am. J. Med Genet., 31: 467-470 (1988).	
C47	WYSS-CORAY et al., "Increased Central Nervous System Production of Extracellular Matrix Components and Development of Hydrocephalus in Transgenic Mice Overexpressing Transforming Growth Factor-β1," Am. J. Pathot., 147: 53-67 (1995).	
C48	ZIMMERMANN, "Eine Neue Mutation der Hausmaus: "hydrocephalus," Z. Indukt. Abstamm Verebungsl, 64: 176-180 (1933).	
C49	ZLOTOGORA et al., "Familial Hydrocephalus of Prenatal Onset," Am. J. Med Genet., 49: 202-204 (1994)	
C50	ZLOTOGORA et al., "Genetic Disorders Among Palestinian Arabs. 2. Hydrocephalus and Neural Tube Defects." Am. J. Med Genet. 71: 33-35 (1997).	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner		Date	
Signature	/Olga Chernyshev/	Considered	05/05/2008

<sup>&#</sup>x27;Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.